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CLAIMS:

1. A process, comprising:

coating at least a portion of a surface of at least one silica particle with at least one wax, wherein said coating is carried out in at least one gas at a temperature above the melting point of said wax and below the decomposition temperature of said wax, to obtain at least one wax-coated silica particle.

- 2. The process as claimed in claim 1, wherein said gas is selected from the group consisting of air, nitrogen, argon, and a mixture thereof.
 - 3. The process as claimed in claim 1, further comprising milling said silica particle.
- 4. The process as claimed in claim 3, wherein the milling is carried out simultaneously with the coating.
- 5. The process as claimed in claim 3, wherein the milling is carried out prior to the coating.
- 6. The process as claimed in claim 1, wherein said temperature ranges from 40 to 200° C.
- 7. The process as claimed in claim 1, wherein said silica particle is coated with 2 to 15% by weight of wax, relative to the weight of the silica particle.
- 8. The process as claimed in claim 1, wherein said wax is selected from the group consisting of polyethylene wax, Fischer-Tropsch wax, silicone-based wax, and mixtures thereof.
- 9. The process as claimed in claim 1, further comprising classifying said silica particle.
 - 10. The process as claimed in claim 1, further comprising classifying said wax-

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coated silica particle.

- 11. The process as claimed in claim 1, further comprising producing said silica particle by acidic precipitation.
- 12. The process as claimed in claim 1, further comprising, prior to said coating, drying said silica particle.
 - 13. The process as claimed in claim 1, further comprising contacting said wax-coated silica particle with a coating composition.
 - 14. A wax-coated silica particle, produced by the process as claimed in claim 1.
 - 15. A matting agent, comprising at least one wax-coated silica particle produced by the process as claimed in claim 1.
 - 16. A coating composition, comprising at least one wax-coated silica particle produced by the process as claimed in claim 1.
 - 17. An alkyd resin, comprising at least one wax-coated silica particle produced by the process as claimed in claim 1.
- 18. A stoving paint, comprising at least one wax-coated silica particle produced by the process as claimed in claim 1.
 - 19. A process, comprising:

a step for coating at least a portion of a surface of at least one silica particle with at least one wax, wherein said coating is carried out in at least one gas at a temperature above the melting point of said wax and below the decomposition temperature of said wax, to obtain at least one wax-coated silica particle.

20. A process, comprising:

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a step for impregnating at least one pore of at least one silica particle with at least one wax, wherein said coating is carried out in at least one gas at a temperature above the melting point of said wax and below the decomposition temperature of said wax, to obtain at least one wax-impregnated silica particle.

21. A process, comprising:

impregnating at least one pore of at least one silica particle with at least one wax, wherein said impregnating is carried out in at least one gas at a temperature above the melting point of said wax and below the decomposition temperature of said wax, to obtain at least one wax-impregnated silica particle.